

- 1 -  
piece 1, NC\_000913, dinD\_yicG-, config: linear, direction: -, begin: 3816926, end: 3816588

5' \* \*3816920 \* \*3816910 \* \*3816900 \* \*3816890 \* \*3816880 \* \*3816870 \* \*3816860 \* \*3816850  
- ala - asn - gln - ile - gln - asn - val -  
- pro - thr - lys - tyr - lys - met - cys - asn - ser - met - val - leu - ser - leu - lys - ile - cys - leu - ala - gly -  
- gln - pro - asn - thr - lys - cys - val - thr - ala - trp - phe - ser - pro - fMet - arg - ile - val -  
- fMet - cys - ala - leu - ser -

... ] NC\_000913.yicG p10 3.8 bits orf 12 codons

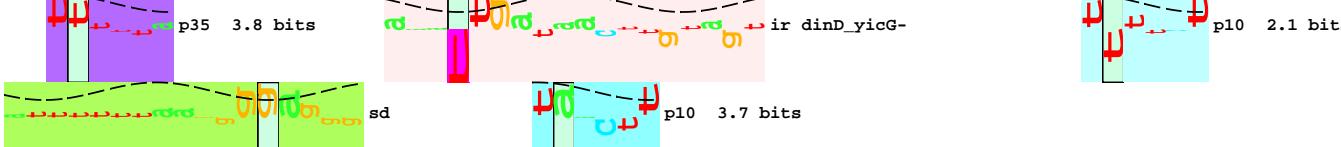


{ sd-(10)-ir 3816898 Gap 2.7 bits  
sd-ir 3816898 dinD\_yicG- total 6.3 bits

p35 2.0 bits

{ p35-(23)-p10 3816883 Gap 1.4 bits  
p35-p10 3816883 total 4.4 bits

5' \* \*3816840 \* \*3816830 \* \*3816820 \* \*3816810 \* \*3816800 \* \*3816790 \* \*3816780 \* \*3816770 \*  
- thr - ile - glu - ile - phe - fMet - ile - thr - cys - ser - tyr - val - lys - ser - leu - phe - ser - val - ala - glu - met - his -  
- arg - leu - arg - phe - phe - lys - gly - arg - gly - asn - fMet - fMet -



{ sd-(9)-ir 3816814 Gap 2.3 bits  
sd-ir 3816814 dinD\_yicG- total 6.9 bits

{ p35-(23)-p10 3816809 Gap 1.4 bits  
p35-p10 3816809 total 6.1 bits

{ p35 4.6 bits  
p35-(22)-p10 3816783 Gap 2.3 bits  
p35-p10 3816783 total 4.4 bits

5' \* \*3816760 \* \*3816750 \* \*3816740 \* \*3816730 \* \*3816720 \* \*3816710 \* \*3816700 \* \*3816690 \*  
- ser - ser - asp - phe - leu - ser - glu - lys - met - his - lys - lys - lys - fMet - gln - tyr - leu - ala -  
- fMet - cys - ser - leu - his - leu - asp - leu - gly - leu - arg - ile - gly - cys - leu - asn - gln - lys - glu - phe - leu - val - ser - ala - ile -  
- ile - val - phe - thr - ala - pro - gly - pro - trp - leu - thr - his - arg - val - ser - gln - ser - thr - lys - arg - val - phe - ser - phe - cys - tyr - phe -

orfs 31 codons



{ sd-(10)-ir 3816696 Gap 2.7 bits

{ p35-(22)-p10 3816728 Gap 2.3 bits  
p35-p10 3816728 total 7.1 bits

{ sd-ir 3816696 dinD\_yicG- total 6.9 bits

5' \* \*3816680 \* \*3816670 \* \*3816660 \* \*3816650 \* \*3816640 \* \*3816630 \* \*3816620 \* \*3816610 \*  
- fMet - cys - ser - leu - his - leu - asp - leu - gly - leu - arg - ile - gly - cys - leu - asn - gln - lys - glu - phe - leu - val - ser - ala - ile -  
- ile - val - phe - thr - ala - pro - gly - pro - trp - leu - thr - his - arg - val - ser - gln - ser - thr - lys - arg - val - phe - ser - phe - cys - tyr - phe -

... ir dinD\_yicG-

<----- ... NC\_000913.dinD

5' \*3816600 \* \*3816590  
- t c t t c t c t g t a a t t t 3'  
- ser - ser - leu - - -  
- - - - - fMet  
- phe - ser - val - ile -

... ----- ... NC\_000913.dinD

... } p35-(26)-p10 3816592 Gap 3.7 bits  
... ----- | p35-p10 3816592 total 4.5 bits

p35 3.8 bits

{ ----- ... p35-(26)-p10 3816592 Gap  
----- ... p35-p10 3816592 total 4.5

... } p10 4.4 bits